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PATENT *Image*
858610-2003.2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : De-Chu TANG, et al.
Serial No. : 10/052,323
For : IMMUNIZATION OF ANIMALS BY TOPICAL
APPLICATION OF A SALMONELLA-BASED VECTOR
Filed : January 18, 2002
Examiner : TBA
Art Unit : 1632

745 Fifth Avenue
New York, NY 10151

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October 29, 2003.

William S. Frommer, Reg. No. 25,506

(Name of Applicant, Assignee or Registered Representative)

William S. Frommer
Signature
October 29, 2003
Date of Signature

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The Examiner's attention is invited to the enclosed documents set forth on the
accompanying form PTO-1449, enclosed in duplicate. These publications were cited in the
International Search Report of related International Application No. PCT/US03/01599. Copies
of the cited documents are enclosed.

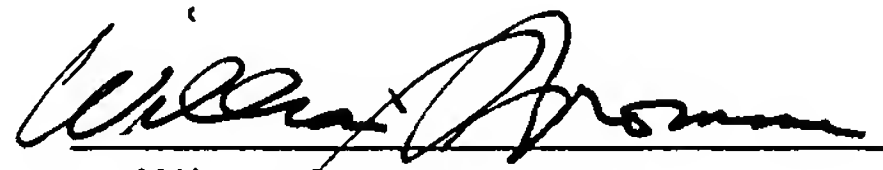
This Information Disclosure Statement is not a representation that the documents cited
herein are considered most pertinent, or that a search has been undertaken, or that any of the
cited documents are indeed prior art. The Examiner is invited to undertake an independent
search.

This Information Disclosure Statement is being filed before receipt of the first Office Action on the merits (a restriction requirement was mailed July 16, 2003). However, the Commissioner is hereby authorized to charge any such fee, or credit any overpayment to Deposit Account 50-0320.

Applicants request that the Examiner consider and make of record the documents cited herein and that a copy of the Form PTO-1449, initialed by the Examiner be returned to the undersigned.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants

By: 
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Based on Form PTO-1449 (3/90) LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 858610-2003.2	SERIAL NO. 10/052,323
	APPLICANT Tang, et al.	
	FILING DATE January 18, 2002	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,339,068 B1	01/15/02	Krieg, et al.			
	AB	5,679,647	10/21/97	Carson, et al.			
	AC	6,348,450 B1	02/19/02	Tang, et al.			
	AD	2003/0045492 A1	03/06/03	Tang, et al.			
	AE						

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							
	AM							
	AN							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
	A0		Babiuk, S., et al., "Topical delivery of plasmid DNA using biphasic lipid vesicles (Biphasix)," J. Pharm, Pharmacol., Dec. 2002, Vol. 54, No. 12, pages 1609-1614.
	AP		Van Oirschot, J.T., "Present and future of veterinary viral vaccinology: A review," Vet. Quart., July 2001, Vol. 23, No. 3, pp. 100-108.
	AQ		Barnfield, C., et al., "The cellular basis of immune induction at mucosal surfaces by DNA vaccination," Dev. Biol. 2000, Vol. 104, pp 159-64.

EXAMINER	DATE CONSIDERED
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.